

## Physics FSC Part 2 Online MCQ's Test

Sr	Questions	Answers Choice
1	Charge on an atom is:	A. Positive B. Negative C. Neutral D. None of these
2	Lenz's law was given by Heinrich lenz in:	A. 1894 B. 1904 C. 1854 D. 1834
3	If a charged body is moved against the electric field it will gain.	<ul><li>A. P.E.</li><li>B. K.E.</li><li>C. Mechanical energy</li><li>D. Electrical potential energy</li></ul>
4	Calculate current in 2 2R $/4\Omega$ resistor.	A. 1 A B. 2R /4Ω C. R/3Ω D. 2R /3Ω
5	The electric field lines are closer where the field is	A. Strong B. Weak C. Uniform D. Variable
6	Terminal potential difference is greater than emf of the cell when	A. Circuit is open     B. Circuit is closed     C. small battery is charged by bigger battery     D. None of these
7	When platinum is it becomes orange at.	A. 500 <sup>o</sup> C B. 900 <sup>o</sup> C C. 1100 <sup>o</sup> C D. 1300 <sup>o</sup> C
8	Lorentz force means the force acting on a particle, which is	A. Magnetic force only     B. Electric force only     C. Sum of electric and magnetic force     D. None of these
9	Electric intensity due to an infinite sheet of charge is:	A. $\partial/2\epsilon < sub > \circ $ B. $\partial/r\epsilon < sub > \circ $ C. $\partial/r2\epsilon < sub > \circ $ D. none of these
10	A wire uniform cross-section. A length L and resistance R is cut into two equal parts. The resistivity of each part will be:	A. Doubled B. Halved C. Remain the same D. One fourth
11	if time constant in RC series circuit is small, then capacitor is charged or discharged.	A. Slowly B. Rapidly C. At constant rate D. Intermittently
12	B2/2p is the expression of.	A. Lenz's law B. Magnetic energy C. Magnetic energy density D. Back emf
13	The sensitivity of galvanometer is given by	A. CAWB B. C/BAN C. BAWC D. BWCA
14	In case of A.C. through resistor V and I are	A. At 0 <sup> o</sup> with each other B. At 180 <sup>o</sup> with each other C. At 90 <sup> o</sup> with each other D. At 270 <sup>o</sup> with each other
		A A /A

A /A

15	The electrical intensity is equal to:	AΔr/Δν B. Δν/Δr C. Δν/Δν DΔν/Δr
16	The force which is responsible for the breaking up of the radioactive element is.	A. Weak nuclear force B. Strong nuclear force C. Electromagnetic force D. Gravitational force
17	Electrons are	A. Hadrons B. Laptons C. Quarks D. Baryons
18	The most abundant isotope of neon is:	A. Neon 21 B. Neon 20 C. Neon 22 D. None of above
19	If we make magnetic field stronger the value of induced current is.	A. Decreased B. Increased C. Vanishes D. Remain constant
20	Domains are existed in	A. Ferromagnetic materials B. Paramagnetic materials C. Semi conductors D. Diamagnetic materials